

# problems loading module files ...

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[kelley](#) 2 posts since

Sep 20, 2007

My batch jobs sometimes fail at startup with messages like:

ModuleCmd\_Load.c(199):ERROR:105: Unable to locate a modulefile for 'comp/intel-10.1.013'

and I have to temporarily do a "module load" of some other (hopefully compatible) version number of comp/intel to be able to launch the job, or wait 5-10 minutes for the original module to be available again.

Does anyone know what's happening?

[rsyed](#) 27 posts since

Oct 18, 2007 **1. Re: problems loading module files** Jul 2, 2008 9:29 AM

Hi, can you post the section of your script that loads the module? Also can you add the "hostname" command to your script so we can see which compute node the error is occurring on?

Also could you elaborate on how you manually do a "module load" if it's a batch job and not an interactive job? To clarify, if you've submitted a script to PBS, any action you take on the frontend node will not necessarily propagate to your background job.

I'll also refer the system admins to this thread in case they have any additional insight.

Thanks,

Rahman

[kelley](#) 2 posts since

Sep 20, 2007 **2. Re: problems loading module files** Jul 2, 2008 10:57 AM

in response to: [rsyed](#)

I am loading the modules within the batch script, not on the frontend node. Here is the relevant section of the script:

1. Setup modules

```
source /usr/share/modules/init/tcsh
```

```
module purge
```

```
module load comp/intel-10.1.013
```

```
module load lib/mkl-9.1.018
```

```
module load mpi/scali-5.3
```

As the problem is intermittent, I can't reproduce it right now. I believe I was submitting the script from discover07.

To temporarily avoid the problem, I have to edit the script and replace intel-10.1.013 with intel-10.1.025. I prefer to use 10.1.013 because the script runs an executable built with this version.

Thanks

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Max